

## ABSTRACT

A volume remote-copy control method is disclosed to automatically define and control a transmitting route of a remote command for remote copy control. An identifier of a first disk subsystem of a first volume is obtained from a volume pair list. The first volume is a copy source or a copy destination of a volume pair as a remote copy target in disk subsystems to a host computer connected to at least one of the disk subsystems.

The volume pair list registers the identifier of the first volume and the identifier of the first disk subsystem to which the first volume belongs. Next, route information including the identifier of the first disk subsystem is searched from a route list. The route list includes the route information for registering information for determining an identifier of a second disk subsystem for relay as a transmitting route of a command to the first disk subsystem and an identifier of a third disk subsystem connected to the host computer among the second disk subsystems. The identifier of the third disk subsystem indicated by the route information is obtained. A remote copy command of the first volume is issued to the third disk subsystem corresponding to the obtained identifier. The first volume in this case includes input information having the identifier of the second disk subsystem and the identifier of the first disk subsystem.